Name _____

Represent Subtraction of Fractions

LESSON 14.5
More Practice/ Homework

ONLINE
Video Tutorials and Interactive Examples
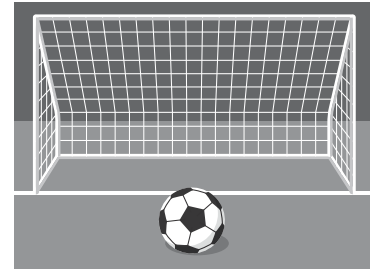
1 (MP) **Model with Mathematics** Colin played $\frac{3}{6}$ of the soccer game on Friday. He played $\frac{5}{6}$ of Sunday's game. How much less did he play on Friday than on Sunday? Model the problem with an equation.
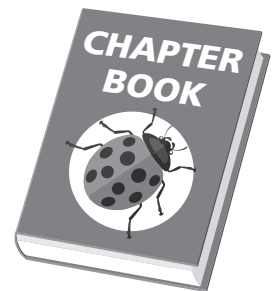
_____

_____

2 (MP) **Model with Mathematics** Hannah's flour jar has $\frac{6}{12}$ pound of flour in it. She adds $\frac{5}{12}$ pound to the jar. Then she uses $\frac{8}{12}$ pound in a recipe. How many pounds of flour are in Hannah's jar now? Model the problem with equations.

_____

3 **Open Ended** Write a subtraction word problem with the fractions $\frac{2}{10}$ and $\frac{7}{10}$. Write an equation for your problem. Then solve the problem.

_____

_____

_____

4 (MP) **Attend to Precision** Elijah has $\frac{4}{5}$ of a book left to read. After he reads some more of the book, he has $\frac{2}{5}$ left to read. What fraction of the book did Elijah read?

_____

Find the difference.

5 $\frac{5}{6} - \frac{1}{6} =$ _____

6 $\frac{9}{10} - \frac{1}{10} =$ _____

7 $\frac{11}{12} - \frac{2}{12} =$ _____

8 $\frac{5}{6} - \frac{3}{6} =$ _____

9 $\frac{7}{8} - \frac{2}{8} =$ _____

10 $\frac{6}{8} - \frac{1}{8} =$ _____

Test Prep

11 Annie has a piece of ribbon that is $\frac{7}{12}$ yard long. She cuts $\frac{2}{12}$ yard off and gives it to her sister. Which is the length of ribbon Annie has now?

Ⓐ $\frac{3}{12}$ yard

Ⓑ $\frac{5}{12}$ yard

Ⓒ $\frac{6}{12}$ yard

Ⓓ $\frac{9}{12}$ yard

12 In a classroom, $\frac{4}{6}$ of the students are wearing sneakers. This is $\frac{3}{6}$ more than the fraction of the students wearing boots. What fraction of the students are wearing boots? Write an equation to model the problem.

_____

13 A pot has $\frac{3}{10}$ pound of soil. Rex adds some soil. Now it has $\frac{9}{10}$ pound. How many pounds of soil did Rex add?

Ⓐ $\frac{2}{10}$ pound   Ⓒ $\frac{7}{10}$ pound

Ⓑ $\frac{6}{10}$ pound   Ⓓ $\frac{12}{10}$ pound

14 Match the difference with the problem.

$\frac{11}{12} - \frac{3}{12} =$ •   • $\frac{1}{12}$

$\frac{9}{12} - \frac{8}{12} =$ •   • $\frac{6}{12}$

$\frac{10}{12} - \frac{4}{12} =$ •   • $\frac{8}{12}$

Spiral Review

15 Find the sum.

$\frac{3}{12} + \frac{5}{12} =$ _____

16 Compare. Write <, >, or =.

0.73 ◯ 0.37   0.46 ◯ 0.4